

In the claims:

1. (currently amended) A ~~power tool, in particular a handheld electric~~ power tool, having a housing (10) with a coolant duct arrangement, having through openings (14), for a cooling medium for cooling at least one motor located in the housing (10), wherein the through openings (14) have a conical shape with respect to a longitudinal axis of the through openings (14), wherein the through openings (14) are located in a plate and each of said through openings (14) has a cross-sectional area in the range from 0.15 mm² to 10 mm² measured in one plane with an outer surface of the housing (10) and of the plate, wherein the plate is joined to the housing (10).

2. (original) The power tool according to claim 1, wherein the through openings (14) are provided at at least one coolant outlet.

3. (canceled)

4. (previously presented) The power tool according to claim 1, wherein the through openings (14) have a depth which is equivalent to at least one crosswise length of the through openings (14), wherein the at least one crosswise length corresponds to a cross section of the through openings (14) which lies in the one plane with the outer surface of the housing (10) and of the plate.

5. (previously presented) The power tool according to claim 1, wherein the through openings (14) are embodied as round.

6. (previously presented) The power tool according to claim 1, further comprising strut elements (20) arranged in a flow path inside the housing (10), wherein the elements (20) are provided with rounded edges and/or are encased in a casting composition (34).

7. (previously presented) A coolant duct arrangement having through openings (14) for a coolant, in particular for a power tool having a housing (10), wherein the through openings (14) have a conical shape with respect to a longitudinal axis of the through openings, wherein each of said through openings has a cross-sectional area in the range from 0.15 mm² to 10 mm² measured in the one plane with an outer surface of the housing (10).

8. (original) The coolant duct arrangement according to claim 7, wherein the through openings (14) have a perforation structure (18), with through openings (14) located in columns (24) and rows (26).

9. (previously presented) The coolant duct arrangement according to claim 7, wherein the through openings (14) have a depth which is equivalent to at least one crosswise length of the through openings (14), wherein the at least one crosswise

length corresponds to a cross section of the through openings (14) which lies in the one plane with the outer surface of the housing (10).

10. (previously presented) The coolant duct arrangement according to claim 7, wherein a rib width between two through openings (14) closest to one another measured in one plane with the outer surface of the housing is equivalent at most to one crosswise length of the through openings (14).

11. (previously presented) The coolant duct arrangement according to claim 7, wherein the through openings (14) are located in columns (24) and/or rows (26) of equal rib width.

12. (previously presented) The coolant duct arrangement according to claim 8, wherein the through openings (14) are combined in groups (28), which are spaced apart substantially equally in columns and/or in rows.

13. (previously presented) The coolant duct arrangement according to claim 12, wherein the through openings (14) within the groups (28) are separated from each other by different rib widths.

14. (canceled)

15. (previously presented) A coolant duct arrangement having through openings (14) with a conical shape for a coolant, in particular for a power tool having a housing, wherein the through openings (14) are located in a plate and each have cross-sectional areas in the range from 0.15 mm^2 – 10 mm^2 measured in one plane with an outer surface of the housing (10) and of the plate, wherein the plate is joined to the housing (10).

16. (previously presented) The coolant duct arrangement according to claim 7, wherein the through openings (14) are round.

17. (previously presented) The power tool according to claim 1, wherein the through openings (14, 14') are distributed over an entire face of the plate.

18. (previously presented) The coolant duct arrangement according to claim 12, wherein the through openings (14) within the groups (28) have different diameters.

19. (new) A handheld electric power tool, having a housing (10) with a longitudinal direction, a coolant duct arrangement and a handle section, having a first plate with through openings (14'), for a cooling medium for cooling at least one motor located in the housing (10), the first plate being placed – in the longitudinal direction of the housing (10) – in front of the handle section, having a second plate with through openings (14) for the cooling medium, the second plate being placed – in the

longitudinal direction of the housing (10) – behind the handle section, and each of said through openings (14, 14') having a cross-sectional area in the range from 0.15 mm² to 10 mm² measured in one plane with an outer surface of the housing (10) and of the respective plate, wherein the plates are joined to the housing (10).

20. (new) The power tool according to Claim 19, wherein the plate, which is placed in front of the handle section, is shaped as a parallelogram.

21. (new) The power tool according to Claim 19, wherein the plate, which is placed in front of the handle section, is configured as an air outlet region.

22. (new) The power tool according to Claim 21, wherein the plate, which is placed behind the handle section, is configured as an air inlet region.

23. (new) The power tool according to Claim 19, wherein struts are located in a flow path between a coolant inlet and a coolant outlet and are potted in a casting composition (34).

24. (new) The power tool according to Claim 23, wherein the struts are formed by a switch.

25. (new) A handheld electric power tool, having a housing (10) with a longitudinal direction, a coolant duct arrangement with a handle section, having a first

plate with through openings (14'), for a cooling medium for cooling at least one motor located in the housing (10), the first plate being placed – in the longitudinal direction of the housing (10) – in front of the handle section, having a second plate with through openings (14) for the cooling medium, the through openings (14) of the second plate having a conical shape with respect to a longitudinal axis of the through openings, the second plate being placed – in the longitudinal direction of the housing (10) – behind the handle section, and each of said through openings (14, 14') having a cross-sectional area in the range from 0.15 mm² to 10 mm² measured in one plane with an outer surface of the housing (10) and of the respective plate, wherein the plates are joined to the housing (10).